

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1088	307/9.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 16:40
S2	491	regener\$4 same (generator engine) same power same brak\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 16:43
S3	388	regener\$4 same (generator engine) same power same brak\$4 and (vehicle auto automobile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 16:43
S4	31014	(vehicle automobile) and (brake braking) same power same (line wire bus system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 09:14
S5	2953	(vehicle automobile) and (brake braking) same power same (line wire bus system) same (annular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 09:16
S6	1250	(vehicle automobile) and (brake braking) same (power with (line wire bus system)) same (annular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 09:27
S7	178	(vehicle automobile) and (brake braking) same (power with (line wire bus system)) same (annular) and (electric\$4 with brake)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:11
S8	189	(vehicle automobile) and (brake braking) same (power with (line wire bus system)) same (annular) and (electric\$4 with brak\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 09:33

## EAST Search History

S9	4355	(vehicle automobile) and (brake braking) same (power with (line wire bus system)) same (electric\$4 with brak\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 09:34
S10	833	S9 and regenerative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 09:58
S11	304	S10 and (fault ground\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 16:25
S12	183	(vehicle automobile) and (brake braking) with (power with (line wire bus)) with (electric\$4) and generator and battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:20
S13	152	303/122.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:25
S14	40	303/122.03.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:26
S15	142	303/122.05.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:29
S16	1714	180/65.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:29
S17	0	("2003/0233179").URPN.	USPAT	OR	OFF	2006/02/28 11:37
S18	0	("2003/0233179").URPN.	USPAT	OR	OFF	2006/02/28 11:37

## EAST Search History

S19	10	("4345796"   "4938542"   "5129713"   "5957551"   "5961190"   "5962931"   "6088638"   "6189981"   "6296325"   "6299261").PN. OR ("6854813").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 13:16
S20	1	"20020158511".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 13:16
S21	3	("6138801"   "6158822"   "6425643").PN. OR ("6728614").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 16:23
S22	4355	(vehicle automobile) and (brake braking) same (power with (line wire bus system)) same (electric\$4 with brak\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 16:52
S23	40	S22 and (fault with isolat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 16:50
S24	3	("6138801"   "6158822"   "6425643").PN. OR ("6728614").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 16:35
S25	8	("4300088"   "4326236"   "4661910"   "5961190"   "6088638"   "6390565").PN. OR ("6607251").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 16:36
S26	8	("4300088"   "4326236"   "4661910"   "5961190"   "6088638"   "6390565").PN. OR ("6607251").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 16:40
S27	52	303/199.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 16:49
S28	6	((("5129713") or ("4345796") or ("6088638")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 16:49
S29	11	S22 and (fault with isolat\$5 with (switch relay contact))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 16:51

## EAST Search History

S30	14	(vehicle automobile) and (brake braking) same (power with (line wire bus system)) and (fault with isolat\$5 with (switch relay contact))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 16:54
S31	3	S30 not S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 16:53
S32	22	(vehicle automobile) and (power with (line wire bus system)) same (fault with isolat\$5 with (switch relay contact))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 16:54
S33	21	S32 not (S23 S31)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 16:54
S35	7539	(Regenerative regeneration) adj2 (brake braking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 14:50
S36	3495	S35 and (battery batteries)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 19:05
S37	7	S36 and (fault faulty redundant backup) with (line wire conductor) same (switch switches)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 19:48
S38	1042	vehicle and (fault faulty redundant backup) with (line wire conductor) same (switch switches)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 19:22

## EAST Search History

S39	1174	vehicle and (fault faulty redundant backup) with (isolate isolation isolated line wire conductor) same (switch switches)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 19:26
S40	19	S39 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 19:22
S41	13	S40 not S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 19:22
S42	47	S36 and (fault faulty redundant backup) with (line wire conductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 19:26
S43	6141	vehicle and (fault faulty redundant backup) with (isolate isolation isolated line wire conductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 19:58
S44	77	S35 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 19:26
S45	77	S43 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 19:45
S46	16856	vehicle and (fault faulty line wire conductor) with (isolate isolated isolation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 19:49

## EAST Search History

S47	79	S46 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 19:49
S48	129	vehicle and (fault faulty ) with (isolate isolation isolated) with (line wire conductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 19:59
S49	57	vehicle and ((fault faulty ) with (isolate isolation isolated) with (line wire conductor)) same (power voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 20:17
S50	478	vehicle and (backup redundant) with (line wire conductor) with power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 20:25
S51	24	S35 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 20:25
S52	7649	(Regenerative regeneration regenerating) adj2 (brake braking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 14:57
S54	335	S52 and third near2 (switch relay ((connecting connection) device))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:57
S55	259	S54 and (battery capacitor batteries)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 19:37

## EAST Search History

S56	7649	(Regenerative regeneration regenerating) adj2 (brake braking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 19:36
S57	94	S56 and third near2 (switch relay ((connecting connection) adj2 device)) and vehicle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 17:44
S58	389	318/375.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 17:44
S60	885	318/376.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 17:46
S61	290	S60 and vehicle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 18:06
S62	2176	(318/375.ccls. 318/139.ccls. 318/140.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 18:07
S63	305	S62 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 18:10
S64	261	S63 and (vehicle automobile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 18:10

## EAST Search History

S65	2	("6854813").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 18:26
S66	11	("4345796"   "4938542"   "5129713"   "5957551"   "5961190"   "5962931"   "6088638"   "6189981"   "6296325"   "6299261").PN. OR ("6854813").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 18:27
S67	6957	S56 and (braking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 19:37
S68	3920	S67 and (battery capacitor batteries)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 19:42
S69	87	S68 and third near2 switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 09:52
S70	7649	(Regenerative regeneration regenerating) adj2 (brake braking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 09:53
S71	74	S70 and (electric electrically) near2 (driven drive driver) near2 (brake caliper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 09:53
S72	23	("5294191"   "5378053"   "5421643"   "5433512"   "5472264"   "5511859"   "5549371").PN. OR ("5853229").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/20 10:17



## EAST Search History

S73	1	S70 and independently adj2 switched and vehicle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:03
S74	0	S70 and independently adj2 switching and vehicle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:03
S75	2	S70 and independently adj2 switch and vehicle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:04
S76	12	S70 and independently near2 (switch switched switching) and vehicle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:09
S77	8	vehicle and (independently near2 (switch switched switching)) same fault and vehicle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:11
S78	23	vehicle and (independently near2 (switch switched switching)) same (third adj switch) and vehicle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 11:11

## EAST Search History

S79	46	(US-20050264102-\$ or US-20050253458-\$ or US-20050103551-\$ or US-20050052080-\$ or US-20040251064-\$ or US-20030144773-\$ or US-20030155928-\$ or US-20030030322-\$ or US-20040084963-\$ or US-20040160122-\$ or US-20050079943-\$ or US-20040108769-\$ or US-20040104637-\$ or US-20030233179-\$ or US-20020180262-\$ or US-20020109407-\$ or US-20010048226-\$ or US-20050027402-\$).did. or (US-6571157-\$ or US-6728614-\$ or US-6607251-\$ or US-6158822-\$ or US-6375281-\$ or US-6216067-\$ or US-5752748-\$ or US-5961190-\$ or US-5654859-\$ or US-5796175-\$ or US-5707115-\$ or US-5561380-\$ or US-6856137-\$ or US-6820946-\$ or US-6854813-\$ or US-6249736-\$ or US-5264796-\$ or US-6856045-\$ or US-RE36037-\$ or US-6936934-\$ or US-6563230-\$ or US-6454033-\$ or US-6919648-\$ or US-6213571-\$ or US-6098735-\$ or US-5962931-\$). did. or (US-5853229-\$).did. or (US-2922678-\$).did.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/20 11:50
S80	6	S79 and ground\$3 near2 fault	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 11:52
S81	68	vehicle and ground\$3 near2 fault same (isolate isolation isolated)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 13:48

## EAST Search History

S82	46	(US-20050264102-\$ or US-20050253458-\$ or US-20050103551-\$ or US-20050052080-\$ or US-20040251064-\$ or US-20030144773-\$ or US-20030155928-\$ or US-20030030322-\$ or US-20040084963-\$ or US-20040160122-\$ or US-20050079943-\$ or US-20040108769-\$ or US-20040104637-\$ or US-20030233179-\$ or US-20020180262-\$ or US-20020109407-\$ or US-20010048226-\$ or US-20050027402-\$).did. or (US-6571157-\$ or US-6728614-\$ or US-6607251-\$ or US-6158822-\$ or US-6375281-\$ or US-6216067-\$ or US-5752748-\$ or US-5961190-\$ or US-5654859-\$ or US-5796175-\$ or US-5707115-\$ or US-5561380-\$ or US-6856137-\$ or US-6820946-\$ or US-6854813-\$ or US-6249736-\$ or US-5264796-\$ or US-6856045-\$ or US-RE36037-\$ or US-6936934-\$ or US-6563230-\$ or US-6454033-\$ or US-6919648-\$ or US-6213571-\$ or US-6098735-\$ or US-5962931-\$). did. or (US-5853229-\$).did. or (US-2922678-\$).did.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/20 13:49
S83	5	S82 and fault near3 load	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
S84	6	("5552681"   "5650713"   "5998976"   "6670788"   "6718927").PN. OR ("6919648").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/20 14:29